

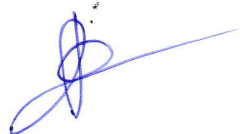
TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward no 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s. K Damodar & Co.

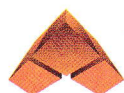
SPECIFIC GRAVITY AND WATER ABSORPTION

FINE AGGREGATE (IS-2386-PART-3)

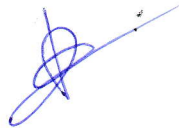
Type of Material		sand/M sand		Proposed Use		Drain
Location/Source		At site/Plant		Date of Sampling		18/06/2018
Period of Soaking		24 hours		Date of Testing		18/06/2018
Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3	Average
A	Weight of sturated surface dry sample gm.		646	667	666	</

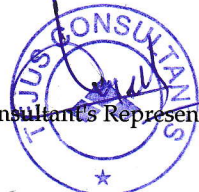
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike



TEST REPORT					
Clients		Bruhat Bangalore Mahanagara Palike			
Project		Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward mo 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.			
Consultants		Tejus Consultants, Bangalore			
Contractor		M/s. K Damodar & Co.			
SIEVE ANALYSIS					
Total Weight:	3000	gms			
Type of Material	Fine aggregate		Proposed Use	Drain	
Sample Location	At site/Plant		Date of Sampling	18/06/2018	
			Date of Testing	18/06/2018	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
10.00 mm	0	0	0	100.00	100
4.75 mm	225	225	7.50	92.50	90 - 100
2.36 mm	356	581	19.37	80.63	75 - 100
1.18 mm	562	1143	38.10	61.90	55 - 90
0.600 mm	552	1695	56.50	43.50	35 - 59
0.300 mm	575	2270	75.67	24.33	8-30
0.150 mm	682	2952	98.40	1.60	0 - 10
Pan	48	3000			-
Remarks : Satisfactory / Not Satisfactory					



Consultant's Representative



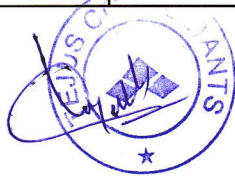
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward mo 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	M/s. K Damodar & Co.

SPECIFIC GRAVITY AND WATER ABSORPTION FINE AGGREGATE (IS-2386-PART-3)

Type of Material		sand/M sand		Proposed Use		Drain
Location/Source		At site/Plant		Date of Sampling		18/06/2018
Period of Soaking		24 hours		Date of Testing		18/06/2018
Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3	Average
A	Weight of sturated surface dry sample gm.		652	650	654	
B	Weight of oven - dry sample gm.		644	642	646	
C	Weight of Pycnometer Filled with water gm		1275	1275	1275	
D	Weight of Pycnometer + sample + water gm		1686	1682	1684	
E	Bulk specific gravity B		2.672	2.642	2.637	2.650
		(C + A - D)				
G	Absorption (%)	(A - B) *100	1.242	1.246	1.238	1.242
		B				




Assistant Executive Engineer
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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike				
Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward no 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.				
Consultants	TEJUS CONSULTANTS				
Contractor	M/s. K Damodar & Co.				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	12.5 mm down size		Proposed Use	Drain	
Sample Location	Plant		Date of Sampling	18/06/2018	
			Date of Testing	18/06/2018	
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	615	615	6.15	93.85	90-100
10.0	3005	3620	36.20	63.80	40-85
4.75	5898	9518	95.18	4.82	0-10
Pan	482	10000			
Remarks :			Satisfactory / Not Satisfactory		

Assistant Executive Engineer
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Bruhat Bengaluru Mahanagara Palike

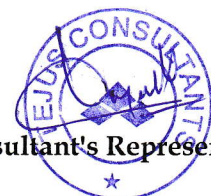
Consultant's Representative

TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike				
Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward no 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.				
Consultants	TEJUS CONSULTANTS				
Contractor	M/s. K Damodar & Co.				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	12.5 mm down size		Proposed Use	Drain	
Sample Location	Plant		Date of Sampling	18/06/2018	
			Date of Testing	18/06/2018	
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	595	595	5.95	94.05	90-100
10.0	3235	3830	38.30	61.70	40-85
4.75	5896	9726	97.26	2.74	0-10
Pan	274	10000			
Remarks :			Satisfactory / Not Satisfactory		



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R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike



Consultant's Representative



TEJUS CONSULTANTS

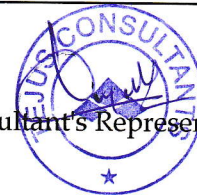
No. 58, 3rd main, 6th Cross, 1st Stage KHB Colony, Basaveshwaranagar, Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.com

TEST REPORT					
Clients	Bruhat Bangalore Mahanagara Palike				
Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward mo 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.				
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore				
Contractor	M/s. K Damodar & Co.				
Total Weight:	10000	gms			
SIEVE ANALYSIS					
Type of Material	20 mm down size		Proposed Use	Drain	
Sample Location	Plant	Date of Sampling	18/06/2018		
		Date of Testing	18/06/2018		
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
40.00 mm	0	0	0	100	100
20.00 mm	325	325	3.25	96.75	95 - 100
10.00 mm	4785	5110	51.10	48.90	25 - 55
4.75 mm	4225	9335	93.35	6.65	0 - 10
Pan	665	10000			
Remarks : Satisfactory / Not Satisfactory					



Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Consultant's Representative

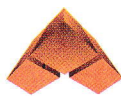


TEST REPORT					
Clients	Bruhat Bangalore Mahanagara Palike				
Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward mo 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.				
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore				
Contractor	M/s. K Damodar & Co.				
Total Weight:	9500	gms			
SIEVE ANALYSIS					
Type of Material	20 mm down size		Proposed Use	Drain	
Sample Location	Plant/ At site		Date of Sampling	18/06/2018	
			Date of Testing	18/06/2018	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
40.00 mm	0	0	0	100	100
20.00 mm	256	256	2.69	97.31	95 - 100
10.00 mm	5252	5508	57.98	42.02	25 - 55
4.75 mm	3425	8933	94.03	5.97	0 - 10
Pan	567	9500			
Remarks :			Satisfactory / Not Satisfactory		



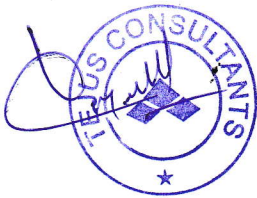
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

Consultant's Representative

Test Report on Cement

Project	Special Repair to School Building and Gymnasium Building and with Gym Equipments at Siddarta Nagar in Ward no 16, Providing Play Equipments (out Door Gym) in Jalahaali Govt School in Ward no 16 and Providing Play Equipments (out Door Gym) in JP Park inside in Ward no 17.			
Client	Bruhat Bangalore Mahanagar Palike			
Consultant	TEJUS CONSULTANTS			
Contractor	M/s. K Damodar & Co.			
Sample ID	Cement			
Date of Sample Tested	18/06/2018			
Sample Supplied By	Agency			
Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	39 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	375 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	5mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	




Assistant Executive Engineer,
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

